



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 3364

|                                    |   |                     |                               |  |
|------------------------------------|---|---------------------|-------------------------------|--|
| <b>SERIAL NUMBER</b><br>10/823,385 | <b>FILING OR 371(c) DATE</b><br>04/12/2004<br><b>RULE</b> | <b>CLASS</b><br>356 | <b>GROUP ART UNIT</b><br>2877 | <b>ATTORNEY DOCKET NO.</b><br>M-16437 US |
|------------------------------------|---|---------------------|-------------------------------|--|

## APPLICANTS

James C. Earthman, Irvine, CA;  
 Vladimir B. Markov, Irvine, CA;  
 James D. Trolinger, Costa Mesa, CA;  
 Derek Dunn-Rankin, Irvine, CA;  
 Benjamin D. Buckner, Irvine, CA;

\*\* CONTINUING DATA \*\*\*\*\* *Yes SN*

This appln claims benefit of 60/462,359 04/11/2003

\*\* FOREIGN APPLICATIONS \*\*\*\*\* *N/A SN*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED \*\* \*\* SMALL ENTITY \*\*  
 06/25/2004

|   |                        |                      |                              |                         |
|---|------------------------|----------------------|------------------------------|-------------------------|
| Foreign Priority claimed<br><input type="checkbox"/> yes <input checked="" type="checkbox"/> no   | STATE OR COUNTRY<br>CA | SHEETS DRAWING<br>11 | TOTAL CLAIMS<br><i>13</i> 33 | INDEPENDENT CLAIMS<br>2 |
| 35 USC 119 (a-d) conditions met<br><input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance |                        |                      |                              |                         |
| Verified and Acknowledged<br><i>Signature</i><br>Examiner's Signature   | <i>SN</i><br>Initials  |                      |                              |                         |

ADDRESS  
32605

## TITLE

Methods and apparatus for detecting and quantifying surface characteristics and material conditions using light scattering

|                                   |   |  |
|-----------------------------------|---|--|
| <b>FILING FEE RECEIVED</b><br>667 | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: | <input type="checkbox"/> All Fees                              |
|                                   |   | <input type="checkbox"/> 1.16 Fees ( Filing )                  |
|                                   |   | <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) |
|                                   |   | <input type="checkbox"/> 1.18 Fees ( Issue )                   |
|                                   |   | <input type="checkbox"/> Other _____                           |
|                                   |   | <input type="checkbox"/> Credit                                |